

RAIN, PROF. M. M.

Children - Diseases

"Prevention of syphilis in children." Reviewed by Prof. M. M. Rain. *Pediatrics*
no. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, August 1952. UNCLASSIFIED.

L 11803-66 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(1)

ACC NR: AP6001193

SOURCE CODE: UR/0119/65/000/012/0023/0023

AUTHOR: Rainchik, V. M. (Engineer)

ORG: none

TITLE: Transistorized temperature regulator μ

SOURCE: Priborostroyeniye, no. 12, 1965, 23

TOPIC TAGS: thermal stability, transistorized circuit, *temperature regulator*

ABSTRACT: A transistorized on-off temperature regulator circuit (see figure) is

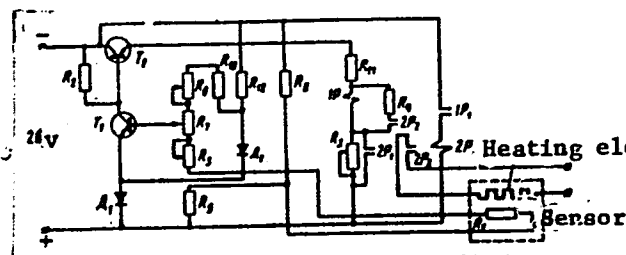


Fig. 1. Temperature regulator

described. The regulator is capable of maintaining a constant temperature of the heating element to within a fraction of a degree in the range of -60 to +120C.

Card 1/2

UDC: 621.3.032:536.5

L 11803-66

ACC NR: AP6001193

Increases in temperature away from the nominal initiate the following cycle: Thermal resistance R_1 (type KMT10-3k) increases, giving rise to greater base (and collector) current in transistor T_1 . This affects transistor T_2 and activates relay 1P (type RES9), connecting relay 2P into the circuit via contact 1P₁. Relay 2P, whose contacts have a greater power rating than those of 1P, disconnects the heating element by opening contact 2P₃. Potentiometer R_3 sets the limits of temperature difference. The temperature is maintained close to the nominal temperature as determined by R_7 . Potentiometers R_5 , R_6 are utilized to preset the range of regulated temperatures. Orig. art. has: 1 figure. [BD]

SUB CODE: 1309/ SUBM DATE: none/ ATD PRESS: 4/71

H10
Card 2/2

ACC NR: AP6035915

SOURCE CODE: UR/0413/66/006/020/0159/0159

INVENTOR: Rainchik, V. M.

ORG: none

TITLE: Semiconductor heat regulator. Class 42, No. 167423

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 159

TOPIC TAGS: heat regulation, air conditioning equipment, semiconductor device

ABSTRACT: An Author Certificate has been issued for a transistor heat regulator consisting of a temperature transmitter, a voltage regulator, and of a control and actuating relay. To eliminate the influence of power-supply current fluctuations on the heat regulator's accuracy, the temperature transmitter is connected to a leg of the voltage regulator's current divider. Orig. art. has: 1 figure. WA-98

SUB CODE: 09,13 / SUBM DATE: 22Mar65

Cara 1/1

UDC: 62-555.6;621.315.592.004

RAINCHIK, V.M., inzh.

Circuit of an electronic a.c. voltage stabilizer. Priborostroenie no.7;
29-30 J1 '65. (MIRA 18;7)

RAINCHIK, V.M., inzh.

Transistor temperature stabilizer. Priborostroenie no.12:23 D '65.
(MIRA 19:1)

RAINCHIK, V.Yu. assistant

Late results of treatment of penetrating eye injuries in agricultural machinery operators. Oft. zhur. 18 no.7:413-418 '63
(MIRA 17:4)

1. Iz kafedry glaznykh bolezney Vinnitskogo meditsinskogo instituta.

RAINER, F.

Yugoslavia (430)

Technology

Circular aerial cables. p. 21, Nova Proizvodnja. Vol. 2, no. 1, February 1951.

East European Accessions List. Library of Congress, Vol. 2, No. 3, March 1953.

UNCLASSIFIED.

RAINER, F.

Yugoslavia (430)

Technology

Problems of mechanizing transport. A special factory for producing cableways and elevators. p. 203, Nova Proizvodnja, Vol. 2, no. 2/4, August 1951.

East European Accessions List. Library of Congress, Vol. 2, No. 3, March 1953.
UNCLASSIFIED.

Method of preparing a...

S/081/62/000/016/042/043
B171/B186

Its volume is increased 3 - 5 times under the action of the pore-generating agent, and a gas pressure of 2 kg/cm^2 is maintained inside of the pores. During the final stage the moulds are not used and the vulcanization is completed under pressure or in an autoclave. [Abstracter's note: Complete translation.]

Card 2/2

RAINER, Kazimierz (Plock)

Organization of the supporting industrial centers of the
"Petrobudowa," State Industrial Building Project. Przegl budowl
i bud mieszk 34 no.4/5:226-234 Ap-My '62.

BLATNIK, Drago; RAINER, Srečko

On the use of chromosomal diagnosis in gynecology. Zdrav. vestn.
33 no.4:105-108 '64

1. Zavod za zdravstveno varstvo, Enota za virologijo, Citogenetski
laboratorij (Ravnatelj: doc.dr. Sasa Cvahte); Klinika za ginekologijo
in porodništvo medicinske fakultete v Ljubljani (Predstojnik - prof.
dr. F. Novak).

L 34909-66 EWP(t)/ETI/EWP(k) IJP(c) JD/HW

ACC NR: AP6026591

SOURCE CODE: CZ/0034/66/000/002/0108/0112

AUTHOR: Jezek, Jaroslav--Yezhek, I. (Doctor of natural sciences; Candidate of sciences); Rainesheva, Jaroslava--Rainesheva, I.

ORG: Institute of Metal Properties, CSAV, Prague (Ustav vlastnosti kovu CSAV)

TITLE: Workability of Ti stabilized NiCr stainless steels

SOURCE: Hutnicke listy, no. 2, 1966, 108-112

TOPIC TAGS: metal deformation, stainless steel, metal rolling, steel impurity, ferrite

ABSTRACT: The influence of the ratios Ti : C, and (Cr+Mo) : Ni on the amount of ferrites, and on the proportion of rejects occurring during the rolling of plates was investigated in 30 heats. Heats containing more than 5% of ferrites showed surface defects; high content of ferrites appears to be the major cause of reduced workability, even if it is not the only one. The effect of the dissolving of TiC carbides upon the precipitation of Cr carbides in coherent layers along the grain boundaries of ferrites resulting in defects that appear during rolling is described. Orig. art. has: 11 figures and 2 tables [JPRS: 34,779]

Card 1/1

UDC: 669-122: 669.14.018.8

0716 5286

RAINHEIMER, C.

High-frequency generator types applied in inductive metal heating and the choice of the frequency for the corresponding case. METALURGIA SI CONSTRUCTIA DE MASINI (Metallurgy and Machine Construction.) 1:33:Jan 55

RAINIENE, A.; BERTASIUS, M.

Serial carotid angiography in neurosurgical practice.
Sveik. Apsaug. no.3:43-46 '64.

1. Lietuvos respublikines Kauno klinines ligonines rentgeno-
skyrius (skyriaus vedeja - R. Bandzaitiene) ir neurochirurgijos
skyrius (skyriaus vedejas - B. Piktys). Vyr. gydytojas -
doc. P. Jasinskas.

RAINIENE, A.; BERTASIUS, M.

Serial carotid angiography in neurosurgical practice. Sveik.
apsaug. 9 no.3:43-46 Mr'64

1. Respublikanos Kauno klinines ligonines rentgeno skyrius
(skyriaus vedėja R. Bandzaitienė) ir neurochirurgijos skyrius
(skyriaus vedėjas - B. Piktys; vyr. gydytojas - doc. P.
Jasinskas).

*

RAINISH, M.S.; KISTING, M.G.

Is it possible to diagnose hemolytic disease by means of the Kondi
Jacobescu method performed in utero? Akush. i gin. 36 no.3:81-83
My-Je '60. (MIRA 13:12)
(ERYTHROBLASTOSIS FETAL)

BAZ' Grigoriy Averkovich; MUROMTSEV, Gennadiy Petrovich; RAININ,
Aleksandr Nikolayevich; TREGUB, Iosif Konstantinovich;
TSIKUNOV, Kirill Andreyevich; Prinimal uchastiye BULYBENKO,
V.Yu.; MILENIN, V.G., dots., kand. tekhn. nauk, red.;
PODGUZOV, M.I., red.; MEDNIKOVA, A.N., tekhn. red.

[Design of pulse networks] Raschet impul'snykh skhem. [By]
G.A.Ba' i dr. Izd.2., dop. i perer. Moskva, Voen. izd-vo
M-va obor. SSSR, 1962. 267 p. (MIRA 15:3)
(Pulse circuits)

BAZ', Grigoriy Averkovich; MUROMTSEV, Gennadiy Petrovich; RAINKIN, Aleksandr Nikolayevich; TREGUB, Iosif Konstantinovich; TSIKUNOV, Kirill Andreyevich. Prinimal uchastiye BULYBENKO, V.Yu.. MILENIN, V.G., dotsent, kand.tekhn.nauk, red.; PODGUZOV, M.I., red.; MEDNIKOVA, A.N., tekhn.red.

[Calculation of pulse systems] Raschet impul'snykh skhem. Pod red. V.G.Milenina. Moskva, Voen.isd-vo M-va obor.SSSR, 1960. 237 p.

(Pulse techniques (Electronics))

(MIRA 13:5)

RAINOV, A.; KENEV, L.

Clarification of some aspects of respiration with the help of electronic registration of respiratory movements. Nauch. tr. vish. med. inst. Sofia 43 no.5:31-39 '64

1. Chair of Pathophysiology (Director: Prof. St. Pisarev) and Institute of Radiology and Radiation Hygiene (Director: Doz. N. Nikolov).

RAINOV, At. T.

Effect of mineral water from Monina bania in Khisar on motor function of the stomach in dogs. Suvrem.med., Sofia 6 no.1:24-31 1955.

1. Iz Republikanskia nauchno-izsedovatel'ski institut no kurortologiya i Fizioterapiia (direktor: dots.K. Kirchev).

(MINERAL WATER, effects, in dogs,
on stomach motoricity)

(STOMACH, effect of drugs on,
mineral water, motor changes in dogs)

IVANOV, Iv.D.; PISAREV, Al.M.; RAINOV, N.D.

Device for the replacement of old cables in mining hoisting
machines. Godishnik mash elekt 10 no.3:258-272 '61 (publ.'62).

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1

~~The experimental operation of a Selden type of contact~~
~~apparatus. K. K. Ralov. J. Chem. Ind. (U. S. S. R.)~~
14, 837-41 (1937). H. M. Leicester

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

RAINOV, R., prof.

On some reconstructive operations in complications following gastric surgery. Khirurgia 15 no.9/10:931-934 '62.

1. Iz Katedrata po operativna khirurgia s topografiska anatomia pri VMI [Vissh meditsinski institut] - Sofia.
(POSTGASTRECTOMY SYNDROMES)

RAINOV, B.

Restorative surgery in obstruction of the esophagus. Khirurgiia,
Sofia 7 no.10:612-615 1954.

1. Meditsinska Akademiia V.Chervenkov, Sofia. Klinika po Fakultetska
Khirurgiia. Zav. katedrata: dots. G.Popov.
(ESOPHAGUS, stenosis,
surg.)

RAINOV, Shtillian, inzh.

Teh years of the Hydraulic Laboratory of the Engineering
and Construction Institute of Sofia. Khidrotekh i melior
8 no.3:65-66 '63.

RAINVAIN, I. K.

830. Influence of temperature on the extraction of uranyl nitrate with tributyl phosphate at varying concentrations of nitric acid. I. K. Rainvain, O. S. Gal and I. K. Rainvain (Inst. Nucl. Sci., Belgrade). *Bull. Inst. Nucl. Sci., Belgrade*, 1957, 7, 43-48 (in English).--In the system aq. HNO₃ - 30% tributyl phosphate (diluted with dibutyl ether), the mass partition coeff. (*f*) of UO₂(NO₃)₂ decreases with increasing temp. (*T* = 1° to 80°) at all concn. of HNO₃ up to 10 M, but for a specific concn. of HNO₃ *f* is proportional to log *T*. As indicated by the changes in vol. and optical transmission, and by the decrease in acidity of the aq. phase, the degree of chemical reaction between the two phases increases with *T* and acid concn. The limit of stability is 6 M HNO₃ at 20° and 4 M HNO₃ at 80°. At 20° the optimum acid concn. for the formation of the uranyl dinitrate complex is 6 M.

W. J. BAKER

B. A.

AI - 3

Relation between constitution and dyeing properties of certain
substantive azo-dyes. V. Kisepeka and J. Kala (Coll. Trav. chim.
Tchecosl., 1960, 18, 412-432). - A no. of mono- and di-amino
aromatic compounds are diazotised and coupled with 2-amino-5-
hydroxynaphthalene-7-sulphonic acid and the effects of substituents,
and the length of the conjugated chain are compared. A substantivity

factor is defined and determined by three different methods, and the percentage absorption "a" on the cotton cloth is determined. The solubility factor, f_s , is defined as the percentage diminution of 0.0005 g.-mol. of benzo-, or 0.001 g.-mol. of monazo-dyes in the bath after dyeing 10 g. of cotton under the best conditions. The diminution is measured, spectrophotometrically, titanometrically, and colorimetrically, with good agreement. The quantity $v = \frac{a \cdot f_s}{10}$, where a is the no. of g. of dyestuff in the bath.

The following amino compounds are diazotised and coupled alkaline with 2-amino-8-hydroxynaphthalene-7-sulphonic acid (J acid) (I) (coupling at C_{10}), the dyestuffs having the characteristics shown: from NH_2Ph , f_s 17.6, v 0.64 [absorption max. 480 m μ . (ϵ 38,275)]; from $NH(C_6H_4 \cdot NH_2 \cdot p)_2$, f_s 36.55, v 1.36 [absorption max. 525 m μ . (ϵ 44,850)]; from $CH_3(C_6H_4 \cdot NH_2 \cdot p)_2$, f_s 22.45, v 0.834 [absorption max. 497 m μ . (ϵ 34,500)] (a dyestuff giving a range of colours by lake formation, diazotisation, and coupling on the fibre); from benzidine, f_s 39.0, v 1.42 [absorption max. 527.5 m μ . (ϵ 40,350)]; from 3 : 3'-dichlorobenzidine, f_s 33.4, v 1.33 [absorption max. 520 m μ . (ϵ 47,000)]; from benzidine-3 : 3'-disulphonic acid, f_s 25, v 1.17 [absorption max. 515 m μ . (ϵ 94,000)]; from benzidine-2 : 2'-disulphonic acid, f_s 10.34, v 0.474 [absorption max. 502.5 m μ . (ϵ 78,000)]; from benzidine sulphone, f_s 19.9, v 0.787 [absorption max. 540 m μ . (ϵ 32,830)]; from benzidine sulphone-3 : 3'-disulphonic acid, f_s 14.31, v 0.712 [absorption max.

12A

AII - 3

540 m μ (ϵ 55,850); from diamino stilbene 2 : 2' disulphonic acid, λ 42.1, ν 2015 [absorption max. 532 m μ (ϵ 82,800)]; from p -C₆H₄(NH₂)₂ (monomer), λ 25.25, ν 0.98 [absorption max. 518 m μ (ϵ 15,810)]; and (bimero), λ 32.2, ν 1.05 [absorption max. 518 m μ (ϵ 43,800)]; from pp' diaminodiphenylurea, λ 33.18, ν 1.302 [absorption max. 491 m μ (ϵ 40,200)]; from 2 : 2' dinitro 4 : 4'-diaminodiphenylmethane, λ 12.2, ν 0.508 [absorption max. 497 m μ (ϵ 27,350)]; from o -NH₂-C₆H₄-OH, λ 20.6, ν 0.785 [absorption max. 500 m μ (ϵ 25,600)]; from 3 : 3'-diamino-4 : 4'-dihydroxydiphenylmethane, λ 28.75, ν 1.038 [absorption max. 495 m μ (ϵ 42,600)]; from o -aminosalicylic acid, λ 13.8, ν 0.604 [absorption max. 505 m μ (ϵ 34,900)]; from 3 : 3'-diamino-5 : 5'-methylene-disalicylic acid, λ 18.53, ν 0.64 [absorption max. 502 m μ (ϵ 64,300)]. The dye p -C₆H₄(NH₂)₂ $\rightarrow$ I is made by reduction of p -NO₂-C₆H₄-NH₂ $\rightarrow$ I with aq. Na₂S or by the hydrolysis of p -NH₂-C₆H₄-NHAc $\rightarrow$ I. It is shown that the lowered substantivity of a dyestuff where 2 : 2'-sulphonic acid groups prevent free rotation is not due to the inability of the rings to lie in a plane, as it is also shown when the sulphone group prevents free rotation and holds the rings in one plane. The substantivity is increased by OH groups and diminished by CO₂H and SO₃H groups.

R. J. H. Buch

CA

23-

Relation between constitution and tinctorial properties of substantive azoic dyes. V. Křepelka and J. Ráň (Prague Polytech. Inst.). *Collection Czech. Chem. Commun.* 15, 412-32 (1950) (in French). The substantivity (f_s) and tinctorial power (ν) to cotton of the following azoic dye-stuffs have been detd.

Main Component	λ_{max} , m μ	ϵ_{max}	f_s	ν
aniline	480	18,275	17.0	0.64
4,4'-diaminodiphenylmethane	425	44,850	16.55	1.46
4,4'-diaminodiphenylmethane	492	34,500	22.45	0.841
benzidine	527.5	40,350	39.0	1.42
3,3'-dichlorobenzidine	520	47,000	34.4	1.33
benzidine 3,3'-disulfonic acid	515	94,000	25.0	1.12
benzidine 2,2'-disulfonic acid	502.5	78,600	10.54	0.474
benzidine sulfone	540	42,040	19.9	0.787
benzidine sulfone 3,3'-disulfonic acid	540	55,850	14.31	0.712
diamino 2,2'-stilbenedisulfonic acid	512	82,800	12.1	3.015
p-phenylenediamine (monosazo deriv.)	510	15,610	25.25	0.96
p-phenylenediamine (bisazo deriv.)	515	41,400	32.2	1.03
p,p'-diaminodiphenylurea	491	40,200	34.15	1.302
2,2'-dinitro 4,4'-diaminodiphenylmethane	497	27,350	12.2	0.508
m-aminophenol	500	25,000	20.6	0.785
3,3'-diamino 4,4'-dihydroxydiphenylmethane	495	42,000	26.75	1.035
3-aminosalicylic acid	505	34,500	14.5	0.604
3,3'-diamino 5,5'-methylenebisalicylic acid	502	64,300	18.55	0.81

The dye-stuffs were prepd. by coupling the diazotized main component with 6-amino-1-naphthol-3-sulfonic acid. Substantivities were assigned numerical values and were detd. spectrophotometrically, titration with Ti salt, and colorimetrically. The following general rules were proposed for a bisazo dye-stuff to be substantive: (1) the mol. wt. must be fairly high, (2) at least 2 auxochromes must be linked by a long chain of conjugated double bonds (at least 8), (3) free rotation of aromatic nuclei must be possible (thus dye-stuffs from benzidine-2,2'-disulfonic acid are acid dye-stuffs which dye wool), (4) usually the dye-stuff should not be a deriv. of a p,p'-diamine, (5) neg. substituents decrease the substantivity.

E. F. Mazat

1951

CA

20

The effect of pH on dyeing by eriochrome black T. Jit. Raj and Olga Kryštofová (Tech. Univ., Prague, Czech T. *Chem. Obsor* 25, 136-42(1950). - Expts. on normal dyeing procedures, with Eriochrome Black T (Geigy Co.) at 3% absorption and 2% chroming ($K_2Cr_2O_7$), at 9 different pH levels (from 1.638 to 7.731), were carried out and compared with com. dyeing procedures for chromium blacks on wool. The absorption from the bath decreases with increasing pH in both acid dyeing and chroming process, and it was proved that the blue shade is increased. pH of 2.0 to 3.0 in the bath at the beginning is changed to pH of 4.7 to 4.8 at the end of acid dyeing. The acidification of the bath requires slightly less acid which corresponds to the free amino groups in the wool. The strength of the acid dyeing is very little influenced by chroming. The blue-black shade is formed if the quantity of the bound $Cr(III)$ corresponds to the ratio 3 g. atoms Cr to 2 moles of the dye, or is smaller. In chroming, the absorption from the bath was detd. iodimetrically and photocolometrically. After chroming, the bath was optically weaker than in any of the other expts. and pH increased to 6.2. After chroming the hanks, the stability in washing at 100° was good. The properties of Eriochrome Black T, the acid dyeing of wool from the elec. point of view, and the chemistry of chroming are discussed.

Jan Micka

1951

A

25

Orange GG. Jifi Rais (Tech. Univ., Prague, Czechoslovakia) *Chem. Abstr.* 25, 67, 101 (1950). - In producing Orange GG, it is possible to increase the yield 100-100 to about 30% by an addn. of a little di-Na salt of R-acid into the passive component. The red orange, which is Orange R, if added to a certain degree increases the strength of the yellow color in a yellow orange, is fully utilized. If added in larger quantity, the red shade is changed to such an extent that it is impossible, regardless of the great strength of the color, to correct (by the addn. of the yellow color) the shade without the loss of brilliancy. The exhaustion of the baths after dyeing and the extinction curves in relation to the content of the salt of R-acid are discussed; the properties of the pure salts of G- and R-acids are described. Jan Micka

1ST AND 2ND ORDER										100 AND 4TH ORDER									
PROCESSES AND PROPERTIES INDEX																			
BC B-11-2 Sugar storage. I. F. ZELIKMAN and A. S. RAJMAN. (Nauch. Zapiski Sech. Prom., 1934, 81, 1-43).—Absorption of H_2O is the chief cause of deterioration and is accelerated by the presence of molasses, invert sugar, or caramelization products in the stored sugar. At 15-25° the limits of R.H. above which absorption occurs are 70% for white (sand) sugar and 85% for refined sugar. Stores should be kept warm, or if this is not possible the sugar should be introduced while still warm. Ventilation should be carefully controlled, especially in early spring. J. H. L.																			
A.S.B.-SLA METALLURGICAL LITERATURE CLASSIFICATION										FROM ROWING									
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Influence of the Arrangement of Magnetic Moments on the Magnetic Properties of Polycrystalline Ferromagnetic Materials. (In Russian) M. V. Dekhtyar and G. M. Raitskaya. <i>Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki</i> (Journal of Experimental and Theoretical Physics), v. 17, Oct. 1947, p. 911-914. Results of a correlation of experimental data are charted and discussed. 10 ref.																																																			
ASME-SLA METALLURGICAL LITERATURE CLASSIFICATION																										EAST ASIAN																									
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INFLUENCE OF THE ARRANGEMENT OF MAGNETIC MOMENTS ON THE MAGNETIC PROPERTIES OF POLYCRYSTALLINE FERROMAGNETIC MATERIALS. M.V. Dekhtyar and G.M. Raiskaya. (Journal of Experimental and Theoretical Physics, U.S.S.R., 1947, vol. 17, Oct., pp. 911-914). (in Russian).

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

| PROCESSES AND PROPERTIES INDEX | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1ST AND 2ND CATEGORIES | | | | | | | | | | | | | 3RD AND 4TH CATEGORIES | | | | | | | | | | | | |
| <p>2a-22. Influence of the Arrangement of Magnetic Moments on the Magnetic Properties of Polycrystalline Ferromagnetic Materials. (In Russian.) M. V. Dekhtyar and G. M. Raikaya. <i>Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki</i> (Journal of Experimental and Theoretical Physics), v. 17, Oct. 1947, p. 911-914. Results of a correlation of experimental data. 10 ref.</p> | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION</p> | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1ST AND 2ND CATEGORIES | | | | | | | | | | | | | 3RD AND 4TH CATEGORIES | | | | | | | | | | | | |
| 1ST AND 2ND CATEGORIES | | | | | | | | | | | | | 3RD AND 4TH CATEGORIES | | | | | | | | | | | | |

RAINOV, R., ~~prof.~~; NIKOLOV, N.

On the problem of early plastic surgery in 3d degree burns.
Khirurgiiia 15 no.9/10:807-809 '62.

1. Iz Katedrata po operativna khirurgiia s topografisya
anatomiiia pri VMI [Visssh meditsinski institut] - Sofia.
(BURNS) (SKIN TRANSPLANTATION)

RAINOV, R.; RANEV, D.; MIKHOV, TS.

Thermal burns and their treatment. Khirurgia 15 no.9/10:
787-794 '62.

(BURNS)

RAINOV, R.; NIKOLOV, N.

On the early plastic repair of 3d degree burns. Nauch. tr.
vissh. med. inst. Sofia 41 no.2:25-29 '62.

1. Predstavena ot prof. R. Rainov.
(BURNS) (SKIN TRANSPLANTATION)

RAINOV, R., prof.

Surgical treatment of roentgen injuries. Khirurgia 15 no.9/10:
799-802 '62.

1. Iz Katedrata po operativna khirurgia s topografiska anatomia
pri VMI [Vissh meditsinski institut] - Sofia.
(RADIATION INJURIES)

RAINOV, R., prof.

Our experience with surgical tyerapy of suppurative pulmonary diseases. Khirurgiia, Sofia 14, no.2/3:137-139 '61.

1. Katedra po operativna khirurgiia a topografaska anatomia pri Visshiaa meditsinski institut, Sofiia.

(LUNG DISEASES surg)

TOMOV, V., prof.; RAINOV, R., prof.; KRUSTEV, B.; VASILEV, Iv.

Surgical therapy of mediastinal tumors. Khirurgia, Sofia 14 no.2/3:
346-348 '61.

(MEDIASTINUM neopl)

RAINOV, R., dots.; NEICHEV, S.I.; MINCHEV, M.

Bacterial contamination of the apparatus for endotracheal anesthesia. Khirurgiia, Sofia 13 no.2-3:139-141 '60.

1. Iz Katedrite po operativna khirurgiia s topografaska anatomiiia u po mikrobiologiiia pri VMI - Sofiia.
(ANESTHESIA INTRATHACHEAL equip. & supply)

STOIANOV, K.; RAINOV, R.; MARINOV, D.; STANCHEV, G.

On certain problems in surgery of the liver and biliary tract.
Khirurgia, Sofia 13 no.2-3:154-168 '60.

(LIVER surg.)

(BILIARY TRACT surg.)

RAINOV, R., dots.

Etiopathogenesis and therapy of vascular diseases of the extremities.
Khirurgiia, Sofia 13 no.2-3:264-266 '60.

1. Iz Katedrata po operativna khirurgiia s topografiska anatomia
pri VMI - Sofia.
(VASCULAR DISEASES PERIPHERAL)

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Oesophagoplastie antethoracidis. Khirurgia, Sofia 10 no.7:584-595 1957.

1. Vissh meditsinski institut--Sofia katedra po operativna khirurgia
s topografiska anatomia.

(ESOPHAGUS, stenosis,

caustic, surg., Judin's technic (Bul))

DIMITROV, St., Prof.; RAINOV, R., Dots.; TEMELKOV, Sl.

Antibiotics in surgery. Khirurgia, Sofia 11 no.5-6:396-403 1958.

(ANTIBIOTICS, ther. use,
in surg. (Bul))

(SURGERY, OPERATIVE
use of antibiotics (Bul))

RAINOV, R., Dots.

Sympathectomy on the third left thoracic ganglion. Khirurgiia, Sofia
11 no.5-6:529-531 1958.

1. Iz Katedrata po operativna khirurgiia s topografska anatomia pri
VMI--Sofia.

(SYMPATHECTOMY,
third left thoracic ganglion (Bul))

RAINOV, R., Dots.; IANKOV, Iv.

Unusual case of congenital fetal hernia diaphragmatica
lumbocostalis sinistra. Khirurgiia, Sofia 9 no.10:932-
933 1956.

(HERNIA, DIAPHRAGMATIC, in infant and child,
congen. lumbocostal left (Bul))

RAINOV, R., d-r, glaven asistent; NIKOLOV, N., d-r, asistent; LANKOV, I.,
d-r, asistent

Treatment of Buerger's disease. Izv. med. inst., Sofia Vol. 9-10:
367-388 1954.

1. Khirurgicheska Klinika na Meditsinskata Akademiia V. Chervenkov
(Direktor: prof. Vl. Tomov)
(THROMBOANGIITIS OBLITERANS, therapy,)

RAINOV, R.

"Activities of the Student Scientific Association at the Vulko Chervenkov
Medical University of Medicine" p. 2

APPROVED FOR RELEASE: 03/20/2001 **CIA-RDP86-00513R001344020010-6"**
(ZDRAVEN FRONT, No. 49, Dec. 1954, Sofia, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

FAINOV A. Pathogenesis of cancer Annales Medicales, Sofia 1949, 41/4-5 (308-312)

So: Medical Microbiology and Hygiene, Section IV, Vol 3, No. 1-6

RAINOV, R.; NIKOLOV, N.

Plastic surgery in wounds of the esophagus. Khirurgiia 35 no.8:
33-40 Ag '59. (MIRA 13:12)
(ESOPHAGUS---SUGERY)

RAINOV, Sht.

"Some results from investigation of the hydraulic model of the siltion spillway of Pancharevo Dam."

SOBISHENKA YA PACHAREVO: SROBITELNI, ARHITEKTURNI I HIDROTEKHNIЧЕСКИ,
Sofia, Bulgaria, Vol. 10, No. 2, 1958.

Monthly list of WEST EUROPEAN ACCESSIONS INDEX (WAI), Library of Congress,
Vol. 7, No. 8, August, 1959.

Unclassified.

RAIMOV, Shtilian, inzh.

Mouth of an "H" number of outlets. Khidrotekh i melior 7 no.4:100-103
'62.

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001344020010-6

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001344020010-6"

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Studies on hydraulic models at the "Ivailovgrad" Hydroelectric-
Power Station. Izv Gidrav lab 4:89-146 '62.

RAINOV, Shtilian V., inzh.

Junction of the levels after the symmetrical closing of the
~~gates~~ with circular cross section under limited space conditions.
Izv Gidrav lab 4:39-70 '62.

RAINOV, Shtiliian V., inzh.

Experimental studies on the junction of the levels after the symmetrical closing of the gates with circular cross section in the prismatic lower part with vertical partition walls. Izv Gidrav lab 4:177-199 '62.

RAINOV, Shtiliian V., inzh.

Submerged mouth of a circular floodgate. Khidrotekh i melior 7 no.3:65-69 '62.

VAN L.T. St., ... A. V.
1955

Hydrocarbons of the ... Petroleum
1955

100

REF ID: A66584

U.S. GOVERNMENT PRINTING OFFICE: 1969

Noted

RAINOV, Veselin, inzh.

Microporous separators for the accumulators based on polyvinyl chloride. Kozhi Sofia 3 no.4:8-10 '62.

1. Gf. tekhnolog na Durzhavnoto industrialno predpriatie "Nar. republika".

MIRONOV, P.; RAINOVA, R.

Procaine block in tabes dorsalis. Suvrem.med., Sofia 6 no.2:58-64
1955.

1. Iz Okruzhnata bolnitsa - Burgas (gl.Lekar: P.Stanchev).
(TABES DORSALIS, therapy
procaine nerve block)
(ANESTHESIA, RETIONAL, in various diseases,
procaine block in tabes dorsalis)
(PROCAINE, therapeutic use,
tabes dorsalis, nerve block)

RAIONOVA, Ir. Iv., studentka-kruzhochnichka

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001344020010-6"

Histological findings in denervated structure following decortica-
tion in dogs. Stomatologiya, Sofia no.5:303-305 1954.

1. Iz kruzhoka pri Katedrata po khirurgichna stomatologii (rukovo-
ditel' prof. Sl.M.Davidov) i kruzhoka za stomatoloji pri Katedrata
pro khistologii (rukoviditel: N.Damova)
(CEREBRAL CORTEX, physiology,
eff. of decortication on histol.of skin in dogs)
(SKIN, physiology,
eff. of cerebral decortication in dogs)

RAIN VAIN, JELENA K.

Influence of temperature on the extraction of uranyl
nitrate with tributyl phosphate at varying concentrations of
nitric acid Zdenko I. Dizdhar, Olga S. Gal, and Jelena K.
Rainvain

The extraction of uranyl nitrate with tributyl phosphate (TBP) in nitric acid solutions was studied. The extraction coefficient D was determined as a function of temperature, nitric acid concentration, and TBP concentration. The extraction of uranyl nitrate is more pronounced at lower temperatures and higher nitric acid concentrations. The dependence of the extraction coefficient D on the nitric acid concentration M is linear and can be represented for temperatures between 1° and 30° by $M = 5.35 - 0.023 T$, where M is the molarity at which D reaches the max.

B. M. Larsen

PM
MT

RAINVAJN J.K.

2.1
Influence of temperature on extraction of uranyl nitrate into
tributyl phosphate at various concentrations of nitric acid

Summary: The effect of temperature on the extraction of uranyl nitrate into tributyl phosphate (an extractant) has been studied at various concentrations of HNO_3 (concn) and the dependence of the extraction coefficient (K_{ex}) on temp. determined for uranyl nitrate in the range 20-60°C. At an acid concn, K_{ex} decreases with increasing temp. At a given HNO_3 concn, the plot of $\log K_{ex}$ vs temp. shows a linear relationship. The aq. and organic phases are shown to interact chemically, with increase in interaction on rise in temp. and HNO_3 concn. The limit of stability at 20°C is at 6M- HNO_3 , but changes to 4M- HNO_3 at 60°C. The reactions: $\text{UO}_2(\text{NO}_3)_2 \rightleftharpoons \text{UO}_2(\text{NO}_3)_2 \cdot \text{H}_2\text{O} \rightleftharpoons \text{UO}_2(\text{NO}_3)_2 \cdot 2\text{H}_2\text{O}$ are shown to be endothermic. It is confirmed that the dissolution of neutral uranyl nitrate in tributyl phosphate is an exothermic process.

J. H. W. P. GOSWAMI

79757

COMP. INT. : Czechoslovakia
 CATEGORY :
 ORG. SOUR. : HCKHIM, No. 22 1959, No. 2
 AUTHOR : Tolubinskiij, V. I., Ka inovic, M. I., and Onopka, G. N.
 INST. : Not given
 TITLE : The Gasification of Solid Fuels in Producers Operated on Oxygen-Steam Blast Under Pressure
 ORIG. PUB. : Paliva, 32, No 5, 168-170 (1959)
 ABSTRACT : The authors describe briefly the principal results obtained in the course of their study of the gasification of brown coals and of peat in producers operated on [oxygen-?] enriched air-steam and oxygen-steam blast under pressures of 5, 10, and 19 atm and with different steam/O₂ ratios. The work was done at the Institute for Thermal-Power Engineering of the Academy of Sciences of the Ukrainian SSR. The article was written especially for the journal Paliva.
 Ya. Satunovskiy

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1/1

RAINS, A.; REIZIS, V.; ELVIKS, F. [Elvins, F., deceased]; LUBET, L.,
red.

[The Latvian Rezekne regiment in the air...; Latvian pilots
in the Great Patriotic War] V vozduke latyshskii kezhitski...;
latyshskie letchiki v Velikoi Otechestvennoi voine. Riga,
Izd-vo "Liesma," 1965. 267 p. (MIRA 18:6)

RAICU, F.

1. "Productive Activities of Soviet," Professor S. JORDAN, pp 1-4.
2. "Machines for High Farm Yields," LUDWIG GELLMAN, General Director of Technical Sciences and Scientific Research, USSR Academy of Sciences, pp 1-4.
3. "Productive Livestock Breeds," LUDWIG GELLMAN, General Director of Technical Sciences and Scientific Research, USSR Academy of Sciences, pp 1-4.
4. "Machines and Methods on Eroded Soils," Professor DR. H. KLEIN, p 5.
5. "The Soviet System Manufactured in America," LUDWIG GELLMAN, pp 1-4.
6. "The Science of Life," I. GELLMAN, physician and engineer, pp 1-4.
7. "Plastic Vials Produced in West Germany," Dr. GELLMAN, pp 1-4.
8. "A Few Words About Language and Facts," LUDWIG GELLMAN, pp 1-4.
9. "The Model of a Live Cell," LUDWIG GELLMAN, General Director of Technical Sciences and Scientific Research, USSR Academy of Sciences, pp 1-4.
10. "Basic Science," LUDWIG GELLMAN, pp 1-4.
11. "From the Native World" (Lecture), pp 1-4.
12. "The World of the Future and the Past," LUDWIG GELLMAN, pp 1-4.
13. "The World of the Future and the Past," LUDWIG GELLMAN, pp 1-4.

RATIS A., PUCHIS J.

Vliv retardacnych latok na penicillinove hladiny. /The influence of the
retardation substances on the penicillin levels/ Cesk. derm.
25:4 1 Apr 50 p. 139-47

1. Of the Skin Clinic in Kosice (Head--Docent E. Maly, M. D.) and of
the Institute of Medical Microbiology in Kosice (Head--Prof.
L. Dibay, M. D.).

CLM 19, 5, Nov. 50

PUCHIS J., RATIS A.

Vliv retardacnych latok na penicillinove hladiny. /Effect of retardation
substances on penicillin levels/ Cesk. derm. 25:5 May 50 p.177-83.

1. of the Skin Clinic in Kosice (Head--Docent E. Maly, M.D.) and
of the Institute of Medical Microbiology in Kosice (Head--Prof.
L. Dibay, M. D.).

CLM 19, 5, Nov. 50

Rumania /Chemical Technology. Chemical Products
and Their Application

I-27

Wood chemistry products. Cellulose and its
manufacture. Paper.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32654

Author : Rais B.

Title : The problem of Chemical Utilization of Wood and
other Vegetable Waste in Rumania

Orig Pub: Rev. chim., 1956, 7, No 7, 413-422

Abstract: No abstract.

Card 1/1

Subject: [illegible]
[illegible], [illegible]

Country: [illegible]

Academic Degrees:

[illegible] of [illegible] Architecture, SAV /Slovenska akademie
Affiliation: [illegible]; Slovak Acad. of Sciences/ (Ostav stavebnictva a architek-
[illegible] SAV), Bratislava

Source: [illegible], [illegible], [illegible] VESTI, No 11, Nov 61, pp 681-683.

Data: "Improving the quality of concrete."

Authors: [illegible], Ivan, [illegible]

[illegible], Vladimir, [illegible]

200 9016-3

RUSS, I.
HAGL, F.

Our experience with a two-wheel tractor. p. 876.

Prague. MECHANIZACE ZEMEDLSTVI. Vol. 9, no. 12, Dec. 1959.
Prague, Czechoslovakia

Monthly List of East European Accession (EEAI) LC Vol. 9, no. 2
Feb. 1960. Uncl.

L 61544-65 EWP(t)/EWP(b) IJP(c) JD

ACCESSION NR: AP5019125

CZ/0038/64/010/010/0380/0380

AUTHOR: Rais, Jiri (Rays, Y.); Kyrš, Miroslav (Kyrsh, M.)

TITLE: Verification of a proposed sorption mechanism of zirconium on silica gel in a nitric acid medium

SOURCE: Jaderna energie, v. 10, no. 10, 1964, 380

TOPIC TAGS: adsorption, zirconium, silica, nitric acid, aqueous solution, chemical kinetics

Abstract: The diffusion nature of kinetics of the zirconium sorption on silica gel was checked along with the dependence of the sorption mechanism on the acidity of the aqueous phase. Data are given on the speed of the isotope exchange of zirconium between solution and the sorbent. The self-diffusion coefficient of zirconium was measured in a nitric-acid medium with different degrees of acidity.

Card 1/2

L 61544-65

ACCESSION NR: AP5019125

ASSOCIATION: Ustav jaderného výzkumu, Rez (Nuclear Research Institute)

SUBMITTED: 00

ENCL: 00

SUB CODE: IC, GC

NR REF SOV: 000

OTHER: 000

JPRS

Card 2/2 *Alp*

[illegible]

altering the complex stability constant in aqueous phase from the uneven distribution of metal in the condensed and aqueous phase. Internat. J. Appl. Electrochem. 1986.

1. Institute of Health Problems of the Kazakhstan Academy of Sciences, Almaty, Kaz.

RAIS, Jiri

Chemie pro 1. ročník VSS v Liberci. (Chemistry for the 1st Grade of the School of Engineering in Liberec. 1st ed. illus., bibl.) Prague, SNTL, 1957. 295 p.

Bibliografický katalog, CSR, České knihy, No. 33. 24 Sept 57. p. 711.

CZECH

Copper complexes of some substantive azo dyes. V. Křepelka and J. Rais (Vys. škola chem. technol., Prague). *Rozpravy české akademie věd*, No. 3, 1-10 (1951); *Bull. intern. acad. science* 52, 543-4 (1951) (in English).—Metalization (I) of some sym. disazo and their parent monoazo dyes was studied and the resulting Cu complexes were evaluated according to their tinctorial and phys. properties. I generally lowered the soly. and the tinctorial power (ν), improved the purity and fastness to light, and raised the substantivity (f_s). Addn. of Na_2CO_3 to the bath lowered f_s of the Cu-complexes. Two methods of I were applied and compared. The acid I by means of satd. soln. of CuSO_4 yielded less sol. complexes of high purity. The alk. I by means of ammoniacal soln. of CuSO_4 brought about a smaller decline of ν but only a smaller rise of f_s compared with the acid I. The shift of the absorption max. towards the longer wave lengths was generally greater in the alk. I than in the acid I. Dyes exhibiting an increased ability to form complexes (e.g. COOH and OH groups in ortho position) were characterized by increased fastness but a poorer soly. of the Cu complexes. Dyes lacking sulfo groups bound 1 Cu atom per 2 azoic groups in the acid I, and 1 Cu atom per 1 azoic group in the alk. I. Dyes contg. sulfo groups did not bind Cu according to any definite rule: they showed a better soly. but a lower fastness. In most Cu complexes there was observed on dyeing a shift of the absorption max. of the bath towards the shorter wave lengths. Cu complexes of the mono- and disazo derivs. of the following compds. were prepd: o-aminosalicylic acid, 3,3'-benzidinedisulfonic acid, benzidine sulfone, 3,3'-disulfobenzidine sulfone, diamazo-2,2'-stilbenedisulfonic acid, bis(p-aminophenyl)-urea, o-aminophenol, 3,3'-diamino-4,4'-dihydroxydiphenylmethane, and 5,5'-methylenebis(3-aminosalicylic acid).
L. J. Urbánek

K. V. Vasilov, A. A. Vasilov, A. A. Vasilov, A. A. Vasilov

Properties of complex systems. It. 2. Dynamics of energy
no. 74155 1974

1. Institute of Nuclear Research, Nov.

ENTS, K.

Maintenance service in sugar factories. p.69

PPU TOL POKRYTÍ. (Ministerstvo potravinářského průmyslu) Praha

Vol. 1, no. 2, 1955

East European Accessions List

Vol. 5 No. 1

Jan. 1956

RAISER, Jaroslav

Discussion of the prospective plan for woodworking industries with regard to the furniture industry. Drevo 18 no.6:213-217 Je '63.

1. Vyvoj nabytkarskeho prumyslu, Brno.

RAISER, Jaroslav

Ten years of the development of the furniture industry. Drevo
19 no.3:85-89 Mr '64

1. Manager of the Vyvoj nabytkarskeho prumyslu, Brno.

BOBROV, I.I., inzh.; DOLGOPLOV, V.M., inzh.; ZISMAN, L.M., inzh.;
RAISEVICH, B.I., inzh.; MIKHAYLOV, A.P., inzh.

Recording frequency meter and power register device. Elek.sta.
32 no.9:89-91 S '61. (MIRA 14:10)

(Frequency measurement)

(Electric power plants--Equipment and supplies)

RAISIC, Nenad, Ing.

~~SECRET~~
Nuclear weapons and their physical basis. Voh.sanpregl.Beogr. 12
no.5-6:263-271 May-June '55.

1. Institut Boris Kidric, Vinca
(ATOMIC WARFARE,
nuclear weapons, phys. fundamentals (Ser))

RA 1111

17
/ Zero energy reactor RB. D. Popović, S. Takač, H. Marković, N. Raišić, Z. Zdravković, and Lj. Radanović (Inst. Nuclear Sci. "Boris Kidrič", Belgrade, Yugoslavia). Bull. Inst. Nuclear Sci. (Belgrade) 9, No 168, 5-13 (1959). — The Zero energy reactor with natural U metal fuel and a heavy water moderator, is mounted at least 4 m. from any reflecting surface to facilitate crit. expts. The reactor is controlled by adjusting the heavy-water level. H. H. H. TA //

8

2-4632
463.1

C/2

8
Measurement of M^2 and k_{∞} for a heavy water-natural
uranium assembly. D. Popović, N. Raišić, H. Marković,
S. Takač, Z. Zdravković, and B. Tobić (Inst. Nuclear Sci.
"Boris Kidrič", Belgrade, Yugoslavia). *Bull. Inst.
Nuclear Sci. "Boris Kidrič"* (Belgrade) 9, No. 169, 15-19
(1959).—The migration length M and the infinite multi-
plication factor k_{∞} of the heavy-water natural-U bare as-
sembly can be accurately detd. by measuring the reactivity
of the reactor as a function of the heavy-water level. The
observations lead to a value k_{∞} of 1.210 ± 0.003 .
H. H. Hyman

7-46 30
46 30

RAISIC, N

Measurement of safety-rod effectiveness of the Zero
Energy Reactor RB-17 N. Raišić, D. Popović, S. Takač, H.
Marković, R. Martinč, and Lj. Radanović (Inst. Nuclear
Sci. "Boris Kidrič", Belgrade, Yugoslavia). *Bull.*
Inst. Nuclear Sci. "Boris Kidrič" (Belgrade) 9, No. 170,
21-7(1958).—The reactor uses 2 safety rods displaced ec-
centrically along the diam. of a cylindrical reactor. Each
rod was designed for one dollar effectiveness, but theoret-
ically as placed should have interfered so that the 2 rods
would show substantial less than two dollars worth of con-
trol. Exptl. the values for a single rod were approx. cor-
rect, but less interference was found than was predicted.

8
2-1132

27
11

Jan

PHASE I BOOK EXPLOITATION YUG/5509

Grubor, Ljubo, pub.

Atomika biološka hemijska oružja i zaštita: zbirka članaka (Atomic, Biological, and Chemical Weapons and Protection Against Them: Collection of Articles) English, ENOLA, 1950. 430 p. No. of copies printed not given.

Authors of articles: Pavle Savić, Academician, Milorad Pistić, Engineer, Milorad Mladjenović, Doctor, Radoslav Radić, Engineer, Milovan Vidmar, Engineer, Dragutin Milhofer, Engineer, Srđan Rajković, Doctor, Velimir Vuk, Doctor, Radoslav Milićević, Doctor, Čedomir Šebotić, Doctor, Miliwoje Perić, Doctor, Svetolik Radić, Engineer, Miljo Barić, Engineer and Kraljica Pavla, Doctor.

PURPOSE: This collection of articles is intended for the general reader as well as for personnel in scientific research and similar organizations.

COMMENTS: The book contains 16 articles dealing with general problems of atomic, biological, and chemical warfare weapons and defense methods. The following topics are discussed: nuclear power, reactors, nuclear explosions (including their peaceful application), radiar weapons, radiological detection and dosimetry, some problems of the effect of nuclear radiation on the organism and of internal contamination by radioactive isotopes, problems of germ and chemical warfare, and the use of combat poisons. The foreword was written by Major General Radulat. References follow most of the articles.

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| Šebotić, Čedomir, Doctor. Medical Safeguards Against Infectious Diseases for Man and Animals | 335 |
| Perić, Miliwoje, Doctor. Agents Causing Diseases of Plants, and Protection Against Them | 355 |
| Radić, Svetolik, Engineer. Modern Combat Poisons (Nerve Poisons) | 363 |
| Djuric, Miljo, Engineer. Technical Aspects of Modern Antichemical Defense | 389 |
| Barić, Miljo, Doctor. Medical Aspects of the Use of Modern Combat Poisons | 411 |

* [Djuric and Barić are spelling variations; both forms are found in the book]

RAISIC, Nenad

Preparation of papers for the 3rd Geneva Conference. Nuclear
energija 1 no.2:25-26 JI '64.

RAISIC, Nenad, dr fizika

Research reactors. Nuklear energija 1 no.2/3:36-39 '64.

1. Head, Laboratory of Reactor Physics and Dynamics of the
Boris Kidric Institute of Nuclear Sciences, Belgrade-Vinca.

BERKA, Josef, inz.; RAISIGL, Jiri

Transportation of the batch to the glass tanks by vibration conveyers. Sklar a keramik 14 no. 1: 3-7 Ja '64.

1. Sklarny Moravia, n.p., Kyjov.

BC

2-1

Evaluation of accuracy of analytical methods.
S. M. RASNIK (Zavod. Lab., 1957, 6, 265-280).
Methods are described. R. T.

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

| SLOAN SYMBOLISM | | | | | | | | | | | | | SLOAN SYMBOLS | |
|-----------------|---|---|---|---|---|---|---|---|----|----|----|----|---------------|-----|
| SLOAN SYMBOLISM | | | | | | | | | | | | | SLOAN SYMBOLS | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

Albani, G. .

"The Albanian Revolution and the Albanian People's Republic." by
G. M. Albani (1965)

1: Albanian Revolution and the Albanian People's Republic, 1965, Vol. 23, #1 (1)

[illegible]

| 1ST AND 2ND ORDERS | | | | | | | | | | 3RD AND 4TH ORDERS | | | | | | | | | |
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| PROCESSES AND PROPERTIES INDEX | | | | | | | | | | | | | | | | | | | |
| <p><i>B-2</i></p> <p>SPECTRUM ANALYSIS OF COPPER, TITANIUM, AND ALUMINIUM IN STEELS.
Z. A. Alexandrov and S. M. Raiki (Zavod. Lab., 1936. 5. 755-756).</p> <p>Determination of the Cu, Ti, and Al content of steels from the extinction of the appropriate lines of the emission spectra is described.</p> <p>R.T.</p> | | | | | | | | | | | | | | | | | | | |
| ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION | | | | | | | | | | | | | | | | | | | |
| SECTION ONE | | | | | | | | | | SECTION TWO | | | | | | | | | |
| SUBSECTION ONE | | | | | | | | | | SUBSECTION TWO | | | | | | | | | |
| SUBSECTION THREE | | | | | | | | | | SUBSECTION FOUR | | | | | | | | | |
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Spectrum analysis of wrought iron for silicon and chromium. S. L. MANDELSHTAM, S. M. RAISKI, and V. V. TAYDEN (Zavod. Lab., 1936, 5, 295-302).—Si and Cr are determined by spectrum-analysis methods. R. T.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

NSA

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QUANTUM ELECTRODYNAMICS IN THE FORMULATION
OF RECIPROCITY. I. Rafail. Zhur. Eksp. i Teoret.
Fiz. 22, 194-9(1952) Feb. (In Russian)

In accordance with Born's concept of nonlocalization and
reciprocity (NSA 4-5549), which was further developed by
Yukawa (NSA 4-1605), the author analyses the nonlocal
spinor field $\psi(X,r)$ depending on two types of variables X_μ
and r_μ , assuming that this field is expressed by Dirac's
equation in X_μ . (G. Y.)